



County Borough of Tynemouth

**FIFTY-FIFTH
ANNUAL REPORT**

ON THE
MEDICAL INSPECTION AND TREATMENT
OF SCHOOL CHILDREN

1963




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S T A F F

Medical Officer of Health and Principal School Medical Officer 	Roderick H. Dawson, M.B., CH.B., D.P.H.
Assistant Medical Officers of Health 	Margaret A. Loraine, B.SC., M.B., CH.B., D.P.H., D.C.H.
	G. MacAlister Dowson, M.B., B.S., D.P.H.
Principal Dental Officer ...	Richard W. Essenhigh, L.D.S.
Assistant Dental Officer ...	Mrs. L. M. Steele, B.D.S. <i>Resigned 31st May, 1963.</i>
	Richard E. Burn, B.D.S. <i>Commenced 17th June, 1963.</i>
Dental Surgery Assistants ...	Miss H. Gray.
	Mrs. W. G. Frier.
Orthoptist (part-time) ...	Mrs. F. Taylor, D.B.O.
Speech Therapist 	Miss M. Gordon, L.C.S.T., I.P.A. <i>Resigned 19th July, 1963.</i>
	Miss P. J. Reed, L.C.S.T. <i>Commenced 9th September, 1963.</i>
Physiotherapist (part-time) ...	Mrs. M. E. Robinson, M.C.S.P. (<i>nee</i> Wake).
Clerical Staff 	Miss E. Harrison. Miss P. K. Coventry.

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**ANNUAL REPORT OF
THE PRINCIPAL SCHOOL MEDICAL OFFICER
FOR THE YEAR 1963**

SCHOOL HEALTH SERVICE,
PUBLIC HEALTH DEPARTMENT
ALBION ROAD,
NORTH SHIELDS.
MAY, 1964.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
COUNTY BOROUGH OF TYNEMOUTH.

Your Worship, Ladies and Gentlemen,

It is with pleasure that I present to you the Fifty-fifth Annual Report upon the work of the School Health Service for the year 1963, in the form required under Regulation 13 of the School Health Service and Handicapped Pupils Regulations 1953.

There were two changes in staff during 1963. Mrs. Steele, the Assistant Dental Officer resigned at the end of May, and her place was taken by Mr. R. Burn, who commenced duties on 17th June. Miss M. Gordon, Speech Therapist, resigned at the end of the summer term, and was replaced by Miss P. J. Reed on 9th September.

Dr. Loraine was responsible for the medical inspections in the Tynemouth Open-Air Day School and Lovaine House Special School, while Dr. Dowson carried out periodic inspections and re-inspections in the Primary and Secondary Schools. Special cases, referred by a doctor, Head Teacher or Health Visitor, were seen at the School Clinic by Dr. Dowson on one afternoon per week.

Fortnightly visits were paid to the School Clinic by a Consultant Ophthalmologist, Mr. J. S. Arkle, in order to carry out refraction and consultant work, and children in need of orthoptic treatment were referred by him to Mrs. Taylor, who is in charge of the Orthoptic Clinic, which is held every Thursday, morning and afternoon.

In September, following discussions with Dr. W. D. Elliott, the local paediatrician, it was decided to commence school classes for children between the ages of $4\frac{1}{2}$ and 15 years in the Children's Ward at Preston Hospital. The harmonious efforts of all concerned have made this project a success, and the class has now become an established part of the daily ward routine. It is anticipated that similar educational facilities will follow at Tynemouth Victoria Jubilee Infirmary.

Child guidance facilities were provided during 1963 under the direction of Dr. McCoull, Consultant Psychiatrist, on 28 half-day sessions, when parents and children were interviewed. In recent

School Clinics

These are held in the Public Health Department, and a list of times is given below.

DENTAL

There are two full-time dentists in attendance daily.

MEDICAL

Wednesday afternoon, or by special appointment.

MINOR AILMENTS

Monday to Friday mornings.

ORTHOPTIC

Thursday, morning and afternoon.

PHYSIOTHERAPY

Tuesday morning.

REFRACTION

Thursday morning, alternate weeks.

SPEECH THERAPY

Daily, morning and afternoon.

ULTRA VIOLET LIGHT

Monday and Thursday mornings.

Co-ordination

Arrangements in this area provide for continuity of supervision of the health of children from infancy to the end of school life, Maternal and Child Welfare Service records of pre-school children who had defects being transferred to the School Health Service when children reach the age of 5 years.

Co-ordination between the school health service, the Council's other services, the hospital services and general medical practitioners has been maintained.

School Meals and Milk

During 1963, one-day returns showing the number of children having school dinners were taken on 27th September, 1963. The number of children taking meals was 4,472 of whom 676 had free meals, the former figure being 40.03% of the school roll. The percentage taking school milk was 78.35 which showed an increase of .17% on the previous year.

The price of school meals remained at 1/- per meal, and during the year there was a steady increase in the number of children taking them.

Four new kitchens were opened during the Autumn term, two of which were attached to new schools, the remaining two being built on to existing schools. This brought the number of school meals kitchens in the Borough up to eleven.

Immunisation

Diphtheria

Facilities were again made available for diphtheria immunisation at the various Maternal and Child Welfare Centres of the Public Health Department, or at the surgeries of general medical practitioners.

During the year 1,017 children received a complete course of injections, 29 being school children and 988 pre-school children. In addition, 587 children of all ages were given reinforcing injections.

It is estimated that at 31st December, 1963, 73.33 per cent. of the child population (*i.e.*, children under 15 years of age) had been immunised, as compared with 75.33 per cent. in 1962.

Poliomyelitis

Vaccination against Poliomyelitis was available at the Public Health Department for all school and pre-school children. Details of numbers receiving this protective treatment can be found in the annual report of the Medical Officer of Health.

B.C.G. Vaccination

The policy of offering protection against tuberculosis to all school children in the thirteen year old age group was continued.

During the year under review, 550 children were skin tested, and all those with a negative reaction were vaccinated at the School Clinic. Of the positive reactors, 28 children were referred to the Chest Clinic for investigation. This investigation revealed one case of active pulmonary tuberculosis. This child was admitted to hospital, and a routine follow up of all school contacts was carried out; no further cases were discovered.

A further 46 children of school age, who were contacts of known cases of tuberculosis received B.C.G. vaccination at the Chest Clinic during 1963. These latter arrangements are under the control and supervision of Dr. A. R. Somner, Chest Physician.

The accompanying table shows the comparative figures for the last five years. These figures compare very favourably with those for other similar industrial areas.

Year	Total Skin Tested	Positive Reaction	Negative Reaction	% requiring B.C.G. Protection
1959	562	64	498	88.61
1960	506	51	455	89.92
1961	464	17	447	96.33
1962	435	33	402	92.41
1963	550	33	517	94.00

Medical Inspections

A periodic medical inspection of children in the following age groups was carried out in each school.

- (a) ENTRANTS—children in their first year of attendance at a maintained primary infant school.
- (b) INTERMEDIATES—children in the last year of attendance at a maintained primary junior school.

- (c) LEAVERS—children in the last year of attendance at a maintained secondary school.
- (d) OTHERS—children of all ages in attendance at the Special school for educationally sub-normal children.

Prior to the periodic medical inspection of the children in these age groups, the schools were visited by a School Nurse/Health Visitor, who weighed and measured the children and tested the visual acuity of those in groups (b), (c) and (d). At the actual inspection the Medical Officer was accompanied by a Nurse. Parents were invited to be present at these inspections.

The percentage of parents who were present at periodic inspections was 62.49 as compared with 61.65 in 1962, 67.21 in 1961 and 76.4 in 1937.

Special inspections and re-inspections were also conducted in each school department once during the year.

Findings of Medical Inspections

Periodic Medical inspection of 3,115 children was carried out in school, and all were recorded as being in a satisfactory general physical condition. The defects found at periodic and special inspections can be seen in Table A on page 25 of this report, which shows separately the number of pupils found to require treatment (T), and the number of pupils found to require observation (O).

The following table shows the average heights and weights of boy and girl entrants selected at intervals, over a period of years since periodic medical inspection commenced.

AVERAGE HEIGHTS AND WEIGHTS OF
BOY AND GIRL ENTRANTS
(5 year old age group)

Year	BOY ENTRANTS		GIRL ENTRANTS	
	Average Heights	Average Weights	Average Heights	Average Weights
	ft. ins.	lbs.	ft. ins.	lbs.
1909	3 3·7	37·9	3 3·5	37·5
1918	3 4·7	39·1	3 4·0	38·5
1927	3 5·2	40·1	3 5·0	38·5
1936	3 6·2	41·1	3 6·1	39·3
1945	3 7·0	40·2	3 7·0	41·3
1950	3 7·0	43·1	3 6·5	42·1
1955	3 7·5	43·3	3 7·2	41·7
1960	3 7·0	43·3	3 6·5	41·5
1961	3 7·0	43·0	3 6·5	41·5
1962	3 6·8	42·9	3 6·3	41·2
1963	3 7·0	42·5	3 6·5	42·4

Uncleanliness—Head

- (i) GIRLS. Of the 1,521 girls examined at periodic inspection, 51 or 3.35 per cent. were recorded as having nits; 19 or 1.25 per cent. of these had a minor infestation only. 3 children were found to be verminous.
- (ii) BOYS. Of the 1,594 boys examined at periodic inspection, 12 or 0.75 per cent. were recorded as having nits.

Surprise Cleanliness Surveys

In 1963, 17,259 examinations for uncleanliness were made in the schools by the nursing staff, and 1,205 pupils were found to be infested. 3 cleansing notices were issued, all to persistent offenders. The supervision and treatment of certain children found to have dirty heads and referred to the School Clinic, was again carried out by the School Nurse at the Minor Ailment Clinic.

Follow Up Investigations

During the year the Health Visitors followed up 27 cases which were under observation or treatment. In this connection 49 home visits were made and 31 inspections were carried out in School.

Minor Ailments

Minor Ailment Clinics were conducted by a School Nurse on five sessions per week for the treatment of children referred by a Head Teacher or a Medical Officer with minor injuries, skin conditions, etc. 290 cases attended the Clinic, and made 627 attendances. This compares with 324 cases and 1,301 attendances in 1962, and 1,143 cases and 8,042 attendances in 1948.

Diseases of the Skin

28 children were receiving treatment for diseases of the skin. Included in this total were 6 children suffering from scabies who were treated at the School Clinic, 5 cases of impetigo, and 17 other cases who were receiving hospital treatment for psoriasis, eczema, dermatitis, and miscellaneous infections.

Defective Vision and Squint

The vision of first year entrants to Primary Junior Schools was tested by a Health Visitor or School Nurse, and any child suspected of having a visual defect was referred to a Medical Officer for further investigation.

During the year 319 Forms O.S.C. 10—as compared with 283 in 1962, and 129 in 1953—authorising the repair or replacement of spectacles were issued by the School Medical Officers. Of these, 91 were charged to the Local Education Authority as being related to cases where lack of care on the part of the pupils had been the cause of loss or damage.

Eye Testing Clinic

351 school children had their eyes tested by an Ophthalmic Surgeon at the School Clinic. Spectacles were prescribed for 300 of these children, and 133 were referred for orthoptic treatment.

We also have a record that 206 children had their eyes tested by opticians. Spectacles were prescribed for 179 of these.

Orthoptic Clinic

The following is a report by the Orthoptist, Mrs. F. Taylor, on the work carried out at this clinic during the year 1963 :—

The Orthoptic Clinic was held on two sessions per week, and 24 new cases were registered during 1963, 14 school and 10 pre-school children. There were 19 discharges.

Eighteen operations for squint were carried out at the Fleming Memorial and Walkergate Hospitals, and only one child remained on the waiting list for operation at the end of the year.

Four children were treated for convergence deficiency, all of whom were discharged as symptom-free.

A total of 125 children were treated during the year, making 698 attendances.

Speech Therapy

The following report has been submitted by Miss P. J. Reed, the Speech Therapist, who took over the Local Education Authority's Speech Therapy Clinic from Miss Gordon in September.

SPEECH THERAPY REPORT FOR 1963

During 1963 a total of 213 children have received speech therapy, 20 of these being pre-school children. 125 children were on the register from the previous year. Of the 20 pre-school children, 17 started school before the end of the year. Attendances, on the whole, have been fair, although showing a tendency to become irregular towards the end of term. Only four children have been discharged for persistent failure to attend. Another fifteen children did not attend the Speech Clinic after Miss Gordon left.

78 school children and 10 pre-school children were admitted for treatment, and 109 children were discharged.

The total number of attendances of school children was 2,240 and of pre-school children 253.

Twenty-two children with only mild defects have attended at three monthly intervals, for checks on progress.

The children treated were suffering from the following defects :—

Dyslalia	...	...	...	...	...	112
Stammer	...	...	...	...	...	42
Lateral or interdental sigmatism	...	...	...	...	...	26
Retarded speech or language development	...	...	...	...	...	22
Cleft Palate	...	...	...	...	...	3
Dysarthria	...	...	...	...	...	2
Dyspraxia	...	...	...	...	...	2
Receptive Disorder	...	...	...	...	...	1
Nasality	...	...	...	...	...	3
						<hr/> 213 <hr/>

Four children have had audiometric tests, and three of these had moderate hearing loss.

P. J. REED,
Speech Therapist.

Tonsillectomy

Below is shown the number of children who were examined at periodic medical examination, and the percentage of these who were recorded as having been subjected to tonsillectomy previous to the time of inspection.

Age Group	Number of Pupils Inspected		Number found to have had Tonsillectomy		Percentage found to have had Tonsillectomy	
	Boys	Girls	Boys	Girls	Boys	Girls
Entrants ...	595	582	43	47	7.23	8.08
Intermediates ...	482	462	119	112	24.67	24.24
Leavers ...	475	437	168	149	35.37	34.10
Others ...	42	40	10	12	23.81	30.00
Totals ...	1594	1521	340	320	21.33	21.04

Orthopaedic and Postural Defects

78 children were recorded as having received treatment for Orthopaedic and postural defects, 23 as in-patients at Sanderson orthopaedic Hospital, and 11 as out-patients.

The in-patients received treatment as follows :—

For deformities of spine ...	2
hips ...	3
legs ...	4
feet ...	6
elbow...	2
finger...	2
Miscellaneous defects ...	4

The remaining 44 children were treated by Miss Wake, physio-therapist, who held a clinic on 44 half-day sessions during the year. The total of attendances made at these clinics was 208, and this figure included a number of Open-Air School children who were treated by Miss Wake on the school premises to save them a journey out of school.

Other Defects Treated

Other defects treated, not falling into classifications mentioned in Tables A to F may be seen by referring to Page 28, Table G. The 140 minor ailments treated included 10 burns and scalds, 5 boils, 57 minor injuries, 51 septic sores and 17 miscellaneous ailments.

Infectious Diseases

An extract from the Head Teachers' weekly returns of Infectious and Other Diseases for the past ten years is as follows :—

DISEASE	YEAR									
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Scarlet Fever	30	25	31	9	6	15	12	7	9	28
Diphtheria ...	—	—	—	—	—	—	—	—	—	—
Measles ...	17	481	207	458	16	685	41	439	470	220
German Measles ...	22	21	1219	26	49	19	13	15	466	660
Whooping Cough ...	71	157	170	93	21	97	105	91	13	103
Chicken Pox	493	150	455	268	368	430	680	176	105	769
Mumps ...	123	342	256	40	544	168	218	340	110	492
Ringworm ...	10	10	9	7	4	1	2	6	10	5
Impetigo ...	87	223	130	53	44	34	19	20	26	11
Scabies ...	1	7	17	13	24	15	22	24	11	2
Verminous Conditions	9	12	3	8	11	13	1	20	12	—

Ultra Violet Ray Therapy

A course of Ultra violet ray therapy was recommended for 56 children during 1963, 37 of these being school children and 19 pre-school children. Attendances totalled 604.

The school children were treated for the following defects :—

Acne ...	4
Alopecia ...	2
Asthma ...	1
Frequent colds and catarrh	6
General debility ...	15
Respiratory infections...	9

School Dental Inspection and Treatment

The following report on the dental inspection and treatment of school children has been submitted by Mr. R. W. Essenhigh, Principal School Dental Officer :—

REPORT OF THE PRINCIPAL SCHOOL DENTAL OFFICER FOR THE YEAR 1963

I have pleasure in presenting my 26th Annual Report on the School Dental Inspection and Treatment for the year ending 31st December, 1963, this being the Thirty-ninth Report.

In the tables to be found elsewhere in this publication the details of all forms of treatment undertaken in the School Dental Department clinic are summarised and the following is a brief account of the clinical work.

The Routine Inspections of the children attending the Primary and Secondary schools were continued at regular intervals, a total of 9,930 pupils being examined. Children who attended the Clinic for emergency treatment numbered 908, making a total of 10,838 children who were dentally inspected.

The two dental surgeries at the Clinic maintained a full dental service throughout the year in co-operation with the School Medical Department and all branches of dental treatment were made available. These included orthodontic work, the supply of artificial dentures, and general anaesthetics.

The anaesthetist, Dr. J. R. Steadman, administered 989 anaesthetics where extractions were required, and thanks are again due to him for his valued co-operation in the work.

The orthodontic treatment for the correction of misplaced teeth resulted in the completion of 25 cases, and 43 dentures were supplied to replace missing teeth.

At the Annual Inspection of pupils attending the Open-Air School and Lovaine House Special School a total of 151 were examined ; of this number 51 attended the Clinic for dental treatment.

Pupils from Tynemouth High (Grammar) School and Tynemouth Technical School attended on 127 occasions for treatment. The dental treatment for these pupils included 90 fillings, 48 extractions, 16 general anaesthetics and 49 other operations.

A total of 929 other treatments was undertaken during the year, including the scaling and cleaning of teeth, the treatment of gum diseases and the distribution of calcium tablets.

In conclusion, thanks are again due to the Public Health Department, the School Medical Staff, the Teaching Staffs of the schools and to the Dental Nurses for their valued co-operation at all times.

(Signed) RICHARD W. ESSENHIGH,
Principal School Dental Officer.

Handicapped Pupils

Below is shown the number of children in the various categories of "Handicapped Pupils" normally residing in the area of this Authority, who were receiving their education in special schools at the end of the year 1963.

Blind Pupils	...	...	3	in a residential school.
Partially Sighted Pupils			3	in a special day school.
Deaf and Partially Hearing Pupils	...	...	1	in a residential school for the Deaf.
			5	as weekly boarders in a special school for the Deaf.
Physically Handicapped Pupils	...	...	24	in the Tynemouth Open-Air Day School.
			2	in a residential school for Spastic children.
			2	as day pupils in a special school for Spastic children.
Delicate Pupils	...	...	40	in the Tynemouth Open-Air Day School.
Maladjusted Pupils		...	3	in a residential school.
			3	in the Tynemouth Open-Air Day School.
Educationally Sub-Normal Pupils	...	...	66	in the Southlands Special Day School.
			3	in a residential school.
Epileptic Pupils	...	...	1	in a residential school.
			3	in the Tynemouth Open-Air Day School.

At the end of the year under review, only one child was waiting for admission to a special school.

Educationally Sub-Normal Children

During the year 13 children were referred by Head Teachers for mental testing by a School Medical Officer. Of these, 5 were assessed as being educationally sub-normal and recommended for admission to Lovaine House Special School, while 8 continued to attend ordinary schools, but were kept under observation by the School Medical Officer, who received progress reports upon their work from the Head Teachers concerned. In addition, 2 children from Whitley Bay were admitted to Lovaine House Special School at the request of Northumberland County Council.

2 children were reported under Section 57 of the Education Act, 1944, and both were admitted to the Junior Training Centre.

Tynemouth Open-Air Day School and Southlands Special School

During the summer, the new special school to replace Lovaine House, was completed, and the pupils moved in at the beginning of the autumn term.

Regular visits were made to the Open-Air and Special Schools by the Assistant Medical Officer of Health and a Health Visitor. 126 re-examinations were carried out by the Medical Officer, to check on children's progress and to ascertain if they were fit to return to an ordinary school.

I have pleasure in submitting the Reports of the Head Teachers, giving details of the work of the two Special Schools.

TYNEMOUTH OPEN-AIR DAY SCHOOL REPORT FOR 1963.

It is with pleasure that I present my report on the work of the Open Air School for 1963.

The year began with a roll of 75, 37 boys and 38 girls, including one boy who was re-admitted on the first school day.

During the year 7 pupils, 4 boys and 3 girls, were admitted, and 12 pupils, 4 boys and 8 girls, were discharged. The average number on the roll was 71 and the average attendance was 61 or 85.9%.

The ailments of the children who were admitted may be classified as follows :—

Epilepsy ... ..	...Re-admitted	1
Idiopathic Epilepsy ... ..	...	1
Congenital Cardiac ... ..	...	1
Hydrocephalus ... ..	...	1
Scoliosis ... ..	...	1
Hepato-Splenomegaly ? Reticulosis ... ..	...	1
Debility following severe head injury ... ..	...	1
Diurnal and Nocturnal Enuresis ... ..	...	1
		—
		8
		—

The reasons for discharge of 12 pupils were :—

The reasons for discharge of 12 pupils were:						
Transferred to Secondary Modern School as fit after Medical Examination ... ..	...	...	...	...	...	1
Left at age 15 after being pronounced medically fit ...	...	...	...	...	...	3
Transferred to Lovaine House Special School ... ..	...	...	...	...	...	2
Transferred to Southlands Special School ... ..	...	...	...	...	...	1
Admitted to W. J. Sanderson Orthopaedic Hospital ...	...	...	...	...	...	1
To have Home Tutor ... ..	...	...	...	...	...	1
Left at age 16 years ... ..	...	...	...	...	...	1
Left Country ... ..	...	...	...	...	...	2
						—
						12

The duration of their stay in the Open Air School was :—

<i>Length of stay</i>						<i>Number of children</i>
8 to 9 years	...	...	...	...	...	1
6 to 7 years	...	...	...	...	...	2
5 to 6 years	...	...	...	...	...	1
4 to 5 years	...	...	...	...	...	1
3 to 4 years	...	...	...	...	...	2
2 to 3 years	...	...	...	...	...	—
1 to 2 years	...	...	...	...	...	2
Under 1 year	...	...	...	...	...	3
						—
						12
						—

At the end of December 1963 the pupils on the roll may be classified :—

<i>Diagnosis</i>					<i>Boys</i>	<i>Girls</i>	
Delicate including Bronchitis, Asthma,							
Debility	...	...	...	...	18	+	19 = 37
Physically Handicapped	...	...	...	...	12	+	11 = 23
Partially deaf and partially sighted	...	...	...	...			1 = 1
Maladjustment	...	...	...	...	5	+	1 = 6
Epilepsy	...	...	...	...	2	+	1 = 3
					—	—	—
					37	+	33 = 70
					—	—	—

The Age range was :—

						<i>Boys</i>	<i>Girls</i>	
15 years	...	...	...	...	...	1	2	
14 years	...	...	...	...	...		2	
13 years	...	...	...	...	...	5	5	
12 years	...	...	...	...	...	1	2	
11 years	...	...	...	...	...	5	1	
10 years	...	...	...	...	...	8	6	
9 years	...	...	...	...	...	8	3	
8 years	...	...	...	...	...	3	4	
7 years	...	...	...	...	...	2	4	
6 years	...	...	...	...	...	3	3	
5 years	...	...	...	...	...	1	1	
						—	—	
						37	33	70
						—	—	

Medical supervision of the children was again well maintained by Dr. M. Loraine, Assistant Medical Officer. Minor ailments were treated and postural drainage exercises given by the school health visitors.

Up to July, children requiring speech therapy were given treatment in the Medical Room but since September the children have attended the Clinic.

Once again emergency dental cases were given prompt attention by Mr. R. W. Essenhigh, Principal School Dental Officer, who also visited school for the annual routine dental inspection of all the children in school.

The more delicate children received Virol twice a day and it proved very beneficial.

As an experiment, on the advice of Dr. M. Loraine and a suggestion from H.M. Inspector Mr. R. C. Dove, the midday rest period for the children was discontinued after Easter and the children were allowed free activity. During the Summer term, the teaching staff felt that the children were overtiring themselves. However, in September, owing to the opening of Southlands School, two buses instead of one were used for the conveyance of the children of both schools. This entailed a change in the timetable, and necessitated an earlier start for the afternoon session which now begins at 1.15 p.m. instead of 2 p.m. as previously. This appears to have solved the problem of too much physical activity after the midday meal.

Other routine arrangements concerning the provision of meals and milk, weekly bathing of some of the children and fortnightly weighing of all the pupils, were unchanged.

We were pleased to welcome Mrs. E. Wiseman to the permanent staff in January, in the place of Mrs. E. Maw who resigned from teaching in December, 1962, on the occasion of her marriage.

Owing to illness, I was absent from school from May until September and during this period Mrs. R. Robertson very capably and conscientiously carried out my duties. It was gratifying to learn that she had been appointed Deputy Head Teacher of the school from September.

Two additional part time members of staff commenced duties in September. Mrs. C. Oldham, as Domestic Science teacher has accomplished excellent work with the senior pupils, boys as well as girls. Remedial work has been carried out very efficiently every afternoon by Mrs. E. Sewell, who is also in charge of the newly formed teaching unit at Preston Hospital.

Of the four children who left school during the year, I am pleased to report that three of them are in suitable employment. The fourth one is a very severely handicapped girl, and it is doubtful whether or not she will ever be fully gainfully employed.

Congratulations once again go to David Biermann, a pupil in the Open Air School from October 1951 to July 1956. He is to commence studies at Cambridge University in October 1964. Almost as gratifying to us was to learn of his formation of a group of boys and girls who are befriending and spending weekends with the old people of Earsdon Grange Homes.

Congratulations also to two of our senior girls who worked in school on a national newspaper competition project namely, "Focus on Fact", and received a prize in the form of a cheque.

Several of the older pupils received swimming instruction and some of them gained certificates.

During the year we had numerous visitors including student nurses, students from training colleges and a group of Nigerian teachers from Dundee Training College. All showed keen interest in the work of the Open Air School.

In my opinion, the work of the school has progressed very satisfactorily and a happy atmosphere has prevailed, culminating in exceptionally happy Christmas festivities. A Christmas concert, attended by parents and friends, was enjoyed by all. At the junior party we were pleased to welcome among other guests, members of the Committee of the Invalid Children's Association who for a number of years have so generously donated £5. 5s. 0d. to the School Fund.

The senior party proved an outstanding success, and an experiment which we hope to repeat. We invited about 25 of our former pupils to be with us and all enjoyed being back at school.

A Nativity Play and carol service ended a very pleasant term. Our thanks are due to the Education Committee for providing us with Essex theatre equipment and a spotlight which already have given so much pleasure.

In conclusion, I record my sincere appreciation of the excellent service rendered by the teaching, clerical and domestic staffs and of their loyal co-operation so readily given.

E. McRITCHIE,
Headmistress.

SOUTHLANDS SPECIAL SCHOOL

I have pleasure in presenting my report on the work of Southlands Special School for the period September 1963—December 1963.

The School was opened with 71 children who were transferred from Lovaine House Special Day School. During the period covered by this report 7 children were admitted and 2 children left the district.

Average number on the roll was 75 and average attendance was 65.

The children on the roll on the last school day of the year may be divided into the following grades :—

Intellig'ce Quotients	81 or over		71 to 80		61 to 70		50 to 60		Not assessed	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
No. of children in each grade	5	1	17	5	12	14	11	9	2	—
	6		22		26		20		2	

We quickly settled down to work, and good progress was made. This was mainly due to the excellent training the children had received at Lovaine House, and everyone at Southlands acknowledges a tremendous debt of gratitude to Miss E. McRitchie for her warm, wise leadership over the years. We hope that the work

being done here will be of the same high standard as that done under the care and guidance of Miss McRitchie. The new building is most suitable for this type of work, and the children have responded extremely well to their new surroundings. It is a delightful place to work in, and has every convenience we could wish for, thus making it possible for us to carry out many activities which could not previously be attempted.

We have had numerous visits from interested people and we have been pleased and proud to show them the building and the work being done.

Among the visitors this term were Alderman J. Lisle, Chairman of Tynemouth Education Committee, Mr. Dove, H.M. Inspector of Schools, Mr. Jelly, Sunderland Education Authority Organiser, Mrs. Innes, Head of Tynemouth Occupation Centre and two teachers from the West Indies.

In October, the school was officially opened by Councillor R. S. Meadows, who has shown a continuing interest in the school, in the presence of the Mayor and Mayoress of Tynemouth, Mr. and Mrs. J. Coe, Chief Officials, Councillors and many other distinguished visitors. After the opening, the school was open to inspection, and many Head Teachers, Teachers and parents took the opportunity of seeing the building.

At Christmas we had an Open Day for parents and friends and we were gratified at the numbers who were interested enough to visit the school. Among the visitors were Mr. Taylor, Deputy Chief Education Officer, Dr. M. Loraine, Dr. Elliott and Rev. Taylor, B.A. Dr. Loraine kindly presented swimming certificates gained by some of the children at the conclusion of a P.E. display.

School meals are now supplied from our own kitchen and everyone appreciates the first-class fare provided by Mrs. Dewdney and her assistants. Our thanks are also due to Mrs. Colbeck who organised the kitchen.

Arrangements for the conveyance of the children were altered so that we now share two buses with the Open Air School. School milk provision continued.

Dr. Loraine and Nurse Buxton carried out medical inspections. Nurse Buxton also visited the school each week to deal with minor ailments. Miss Reed, Tynemouth's new Speech Therapist made arrangements to visit for half a day each week to give therapy to those children with defective speech.

Our grateful thanks go to the Tynemouth branch of the N.A.M.H. under the chairmanship of Mr. R. Armatage, for the generous donation of £10 towards the School Fund which enabled us to give each school child a present at Christmas. Mr. Armatage also supplied us with a magnificent tree which made a beautiful setting for our illuminated crib. The children obtained much pleasure from these generous gifts.

In conclusion I should like to thank all those members of the Education Department and the School Medical Department who have rendered such valuable assistance to the school at this critical period. I should like also to record my grateful thanks to all the staff at Southlands, both teaching and domestic, for all the hard work and loyal service they have given.

J. B. COLLINGWOOD,
Head Master.

Deaths of School Children

During the year, 7 children of school age died. Two boys aged 15 and 14 years respectively were killed in a motor cycle accident, and one boy of nine was electrocuted while playing on the railway line. Of the remainder, 3 boys and 1 girl, two died as the result of a malignant disease, one from aplastic anaemia, and one from staphylococcal meningitis.

Nursery Schools

Arrangements for the medical inspection of children attending the Sir James Knott Nursery School, at Tynemouth, and the Howdon Road Nursery School at North Shields, continued as in past years.

The schools were again visited regularly by the Honorary Medical Officer accompanied by a Health Visitor, every child being seen once; special cases were seen more frequently.

Miscellaneous Medical Examinations

118 children were medically examined in accordance with the Children and Young Persons Act, 1933; all were granted employment certificates.

STATISTICAL TABLES

MEDICAL INSPECTION AND TREATMENT RETURNS

Number of pupils on registers of maintained primary and secondary schools (including nursery and special schools) in January, 1964, as in Form 7, 7M. and 11 Schools 12,057

Part I.—Medical Inspection of Pupils attending Maintained Primary and Secondary Schools (including Nursery and Special Schools)

TABLE A.—PERIODIC MEDICAL INSPECTIONS

Age Groups Inspected (By year of birth)	No. of Pupils Inspected	Physical Condition of Pupils Inspected			
		SATISFACTORY		UNSATISFACTORY	
		No.	% of Col. 2	No.	% of Col. 2
		(3)	(4)	(5)	(6)
1959 and later	12	12	100·00	—	—
1958	1,038	1,038	100	—	—
1957	127	127	100	—	—
1956	9	9	100	—	—
1955	18	18	100	—	—
1954	11	11	100	—	—
1953	12	12	100	—	—
1952	611	611	100	—	—
1951	333	333	100	—	—
1950	25	25	100	—	—
1949	7	7	100	—	—
1948 and earlier	912	912	100	—	—
TOTAL	3,115	3,115	100·00	—	—

TABLE A. continued—PUPILS FOUND TO REQUIRE TREATMENT
AT PERIODIC MEDICAL INSPECTIONS

(excluding Dental Diseases and Infestation with Vermin)

Age Groups Inspected (By year of birth) (1)	For defective vision (excluding squint) (2)	For any of the other con- ditions recorded in Part II (3)	Total individual pupils (4)
1959 and later	—	—	—
1958	35	144	166
1957	3	15	18
1956	—	3	2
1955	1	5	3
1954	2	1	3
1953	—	—	—
1952	31	21	49
1951	23	17	39
1950	1	—	1
1949	—	—	—
1948 and earlier	26	13	39
TOTAL	122	219	320

TABLE B.—OTHER INSPECTIONS

Number of Special Inspections	...	293
Number of Re-inspections	...	1215
Total	...	<u>1,508</u>

TABLE C.—INFESTATION WITH VERMIN

(a)	Total number of individual examinations of pupils in schools by school nurses or other authorised persons	...	...	...	17,259
(b)	Total number of individual pupils found to be infested	...	...	...	1,205
(c)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act 1944)	...	...	...	3
(d)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act 1944)	...	...	...	—

TABLE D.—SCREENING TESTS OF VISION AND HEARING

1	(a)	Is the vision of entrants tested?	...	...	No.
	(b)	If so, how soon after entry is this done?	...	—	
2		If the vision of entrants is not tested, at what age is the first vision test carried out?	...	...	7-8 year old.
3		How frequently is vision testing repeated throughout a child's school life?	...	...	At each Periodic Inspection or more often if necessary.
4	(a)	Is colour vision testing undertaken?	...	...	Not at present.
	(b)	If so, at what age?	.....	...	—
	(c)	Are both boys and girls tested?	...	...	—
5		By whom is vision and colour testing carried out?	...	...	Health Visitor or School Nurse.
6	(a)	Is audiometric testing of entrants carried out?	...	...	No.
	(b)	If so, how soon after entry is this done?	...	—	
7		If the hearing of entrants is not tested, at what age is the first audiometric test carried out?	...	...	As soon as a defect presents itself.
8		By whom is audiometric testing carried out?	...	...	Speech Therapist and Hospital E.N.T. Department.

Part II.—Defects found by Medical Inspection during the Year

TABLE A.—PERIODIC INSPECTIONS

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS							
		Entrants		Leavers		Others		Total	
		(T) (3)	(O) (4)	(T) (5)	(O) (6)	(T) (7)	(O) (8)	(T) (9)	(O) (10)
(1)	(2)								
4	Skin	11	4	1	1	3	1	15	6
5	Eyes : <i>a.</i> Vision ...	27	—	25	—	54	1	106	1
	<i>b.</i> Squint ...	25	—	—	—	—	—	25	—
	<i>c.</i> Other... ..	2	—	—	—	—	1	2	1
6	Ears : <i>a.</i> Hearing ...	4	5	—	—	—	—	4	5
	<i>b.</i> Otitis Media	4	—	1	—	4	1	9	1
	<i>c.</i> Other... ..	1	—	1	—	—	—	2	—
7	Nose and Throat ...	33	10	1	—	8	3	42	13
8	Speech	7	—	—	—	2	—	9	—
9	Lymphatic Glands ...	—	4	—	—	1	—	1	4
10	Heart	1	21	—	1	—	3	1	25
11	Lungs	12	—	—	—	—	2	12	2
12	Developmental :								
	<i>a.</i> Hernia ...	—	—	1	—	—	—	1	—
	<i>b.</i> Other... ..	1	1	—	—	—	—	1	1
13	Orthopaedic :								
	<i>a.</i> Posture ...	—	—	—	—	1	—	1	—
	<i>b.</i> Feet	7	2	1	—	4	1	12	3
	<i>c.</i> Other	3	1	—	—	—	—	3	1
14	Nervous System :								
	<i>a.</i> Epilepsy ...	2	2	—	1	—	—	2	3
	<i>b.</i> Other... ..	6	—	—	—	1	—	7	—
15	Psychological :								
	<i>a.</i> Development	—	—	—	—	—	—	—	—
	<i>b.</i> Stability ...	—	—	—	—	1	—	1	—
16	Abdomen	1	—	—	—	1	—	2	—
17	Other	9	—	2	1	2	—	13	1

TABLE B.—SPECIAL INSPECTIONS

Defect Code No. (1)	Defect or Disease (2)	SPECIAL INSPECTIONS	
		Pupils requiring Treatment (3)	Pupils requiring Observation (4)
4	Skin	18	—
5	Eyes : <i>a.</i> Vision ...	69	14
	<i>b.</i> Squint ...	4	—
	<i>c.</i> Other ...	3	1
6	Ears : <i>a.</i> Hearing ...	2	—
	<i>b.</i> Otitis Media ...	—	—
	<i>c.</i> Other ...	2	—
7	Nose and Throat ...	4	—
8	Speech	2	—
9	Lymphatic Glands ...	1	—
10	Heart	—	—
11	Lungs	2	—
12	Developmental :		
	<i>a.</i> Hernia ...	—	—
	<i>b.</i> Other ...	—	—
13	Orthopaedic :		
	<i>a.</i> Posture ...	—	—
	<i>b.</i> Feet ...	6	—
	<i>c.</i> Other ...	5	2
14	Nervous System :		
	<i>a.</i> Epilepsy ...	1	—
	<i>b.</i> Other ...	6	—
15	Psychological :		
	<i>a.</i> Development ...	11	8
	<i>b.</i> Stability ...	11	3
16	Abdomen	3	—
17	Other	8	2

Part III.—Treatment of Pupils attending Maintained Primary and Secondary Schools (including Nursery and Special Schools)

TABLE A.—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	6
Errors of refraction (including squint)	608
Total ...	<u>614</u>
Number of pupils for whom spectacles were prescribed ...	514

TABLE B.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases known to have been dealt with
Received operative treatment—	
(a) for diseases of the ear ...	1
(b) for adenoids and chronic tonsillitis ...	254
(c) for other nose and throat conditions ...	—
Received other forms of treatment ...	21
	<hr/>
Total ...	276
Total number of pupils in schools who are known to have been provided with hearing aids :	<hr/>
*(a) in 1963	3
(b) in previous years	10

*A pupil recorded under (a) above should not be recorded at (b) in respect of the supply of a hearing aid in a previous year

TABLE C.—ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of cases known to have been treated
(a) Pupils treated at clinics or out-patients departments ...	78
(b) Pupils treated at school for postural defects ...	—
	<hr/>
Total ...	78

TABLE D.—DISEASES OF THE SKIN
(excluding uncleanliness, for which see Table C of Part I)

	Number of cases known to have been treated
Ringworm : (a) Scalp ...	—
(b) Body ...	—
Scabies ...	6
Impetigo ...	5
Other skin diseases ...	17
	<hr/>
Total ...	28

TABLE E.—CHILD GUIDANCE TREATMENT

	Number of cases known to have been treated
Pupils treated at Child Guidance clinics	37

TABLE F.—SPEECH THERAPY

	Number of cases known to have been treated
Pupils treated by speech therapists	281

TABLE G.—OTHER TREATMENT GIVEN

	Number of cases known to have been dealt with
(a) Pupils with minor ailments	140
(b) Pupils who received con- valescent treatment under School Health Service arrangements	—
(c) Pupils who received B.C.G. vaccination	517
(d) Other than (a), (b) and (c) above: Please specify:	
Abdominal conditions ...	34
Burns	7
Cardio vascular and Blood Conditions. ...	4
Nervous system	5
Respiratory conditions ...	19
Miscellaneous	15
Total (a)—(d) ...	<hr/> 741

Part IV.—Dental Inspection and Treatment carried out by the Authority

No. of pupils on the registers of maintained primary and secondary schools (including nursery and special schools) in January 1964, as in Forms 7, 7M, and 11 Schools ... 12,057

(a) Dental and Orthodontic work

I	Number of pupils inspected by the Authority's Dental Officers:—						
	(i) At periodic Inspections	...	...	...	...	...	9,930
	(ii) As Specials	...	...	...	...	...	908
							<hr/>
						Total (I)	10,838
							<hr/> <hr/>

II	Number found to require treatment	...	...	...	...	...	4,541
III	Number offered treatment	...	...	...	...	...	4,062
IV	Number actually treated	...	...	...	...	...	2,001

(b) Dental work (other than Orthodontics) (NOTE:—Figures relating to orthodontics should not be included in Section (b)).

I	Number of attendances made by pupils for treatment, excluding those recorded at (c)I below	...	...	...	...	...	4,340
II	Half days devoted to:						
	(i) Periodic (School) Inspections	...	...	...	...	...	45
	(ii) Treatment	...	...	...	...	...	826
							<hr/>
						Total (II)	871
							<hr/> <hr/>

III	Fillings:						
	(i) Permanent Teeth	...	...	...	...	...	1,285
	(ii) Temporary Teeth	...	...	...	...	...	95
							<hr/>
						Total (III)	1,380
							<hr/> <hr/>

IV	Number of Teeth Filled:						
	(i) Permanent Teeth	...	...	...	...	...	1,192
	(ii) Temporary Teeth	...	...	...	...	...	83
							<hr/>
						Total (IV)	1,275
							<hr/> <hr/>

V	Extractions:						
	(i) Permanent Teeth	...	...	...	...	...	746
	(ii) Temporary Teeth	...	...	...	...	...	2,420
							<hr/>
						Total (V)	3,166
							<hr/> <hr/>

VI	(i) Number of general anaesthetics given for extractions...						989
	(ii) Number of half days devoted to the administration of general anaesthetics by:						
	(a) Dentists	...	...	...	...	...	—
	(b) Medical Practitioners	...	...	...	...	...	107
							<hr/>
						Total (VI)	107
							<hr/> <hr/>

VII	Number of pupils supplied with artificial teeth	...	...	43
VIII	Other operations:			
	(i) Crowns	...	...	—
	(ii) Inlays	...	...	—
	(iii) Other treatment	...	...	929
	Total (VIII)	...		<u>929</u>

(C) Orthodontics

(i)	Number of attendances made by pupils for orthodontic treatment	...	...	351
(ii)	Half days devoted to orthodontic treatment	...	...	—
(iii)	Cases commenced during the year	...	...	50
(iv)	Cases brought forward from the previous year	...	...	19
(v)	Cases completed during the year	...	...	25
(vi)	Cases discontinued during the year	...	...	5
(vii)	Number of pupils treated by means of appliances	...	...	67
(viii)	Number of removable appliances fitted	...	...	66
(ix)	Number of fixed appliances fitted	...	...	1
(x)	Cases referred to and treated by Hospital Orthodontists	...	...	—

